KONICA MINOLTA

# bizhub 600

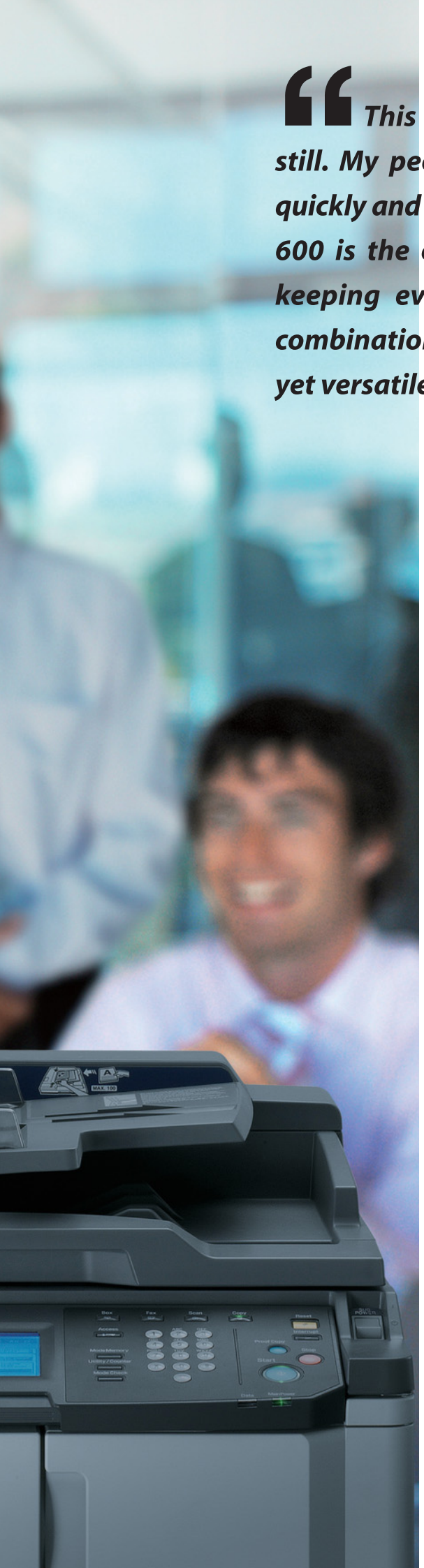
“ I’m at the Hub.”

60 cpm/ppm Seamlessly Integrated MFP



The essentials of imaging

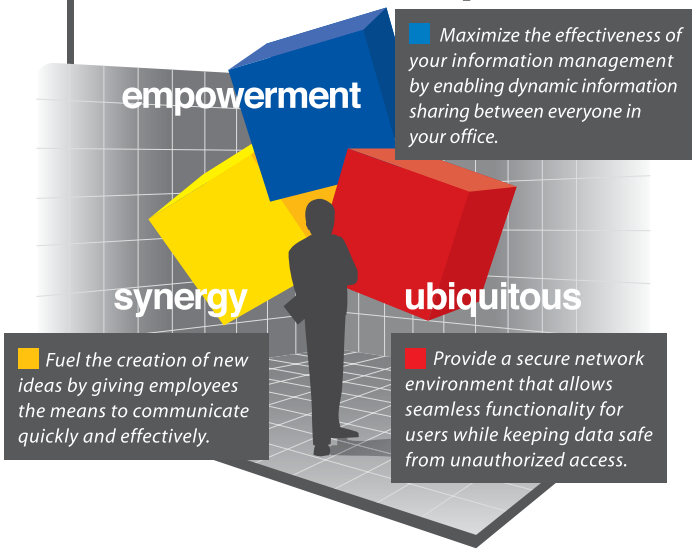
KONICA MINOLTA



*"This business didn't get where it is by standing still. My people need to be able exchange information quickly and securely no matter where they are. The bizhub 600 is the communication center for the entire office, keeping everyone connected. It gives us the perfect combination of versatile print capabilities with a secure yet versatile idea-sharing environment."*

Put yourself at the hub of business

## The bizhub concept


empowerment
Maximize the effectiveness of your information management by enabling dynamic information sharing between everyone in your office.
synergy
ubiquitous
Fuel the creation of new ideas by giving employees the means to communicate quickly and effectively.
Provide a secure network environment that allows seamless functionality for users while keeping data safe from unauthorized access.

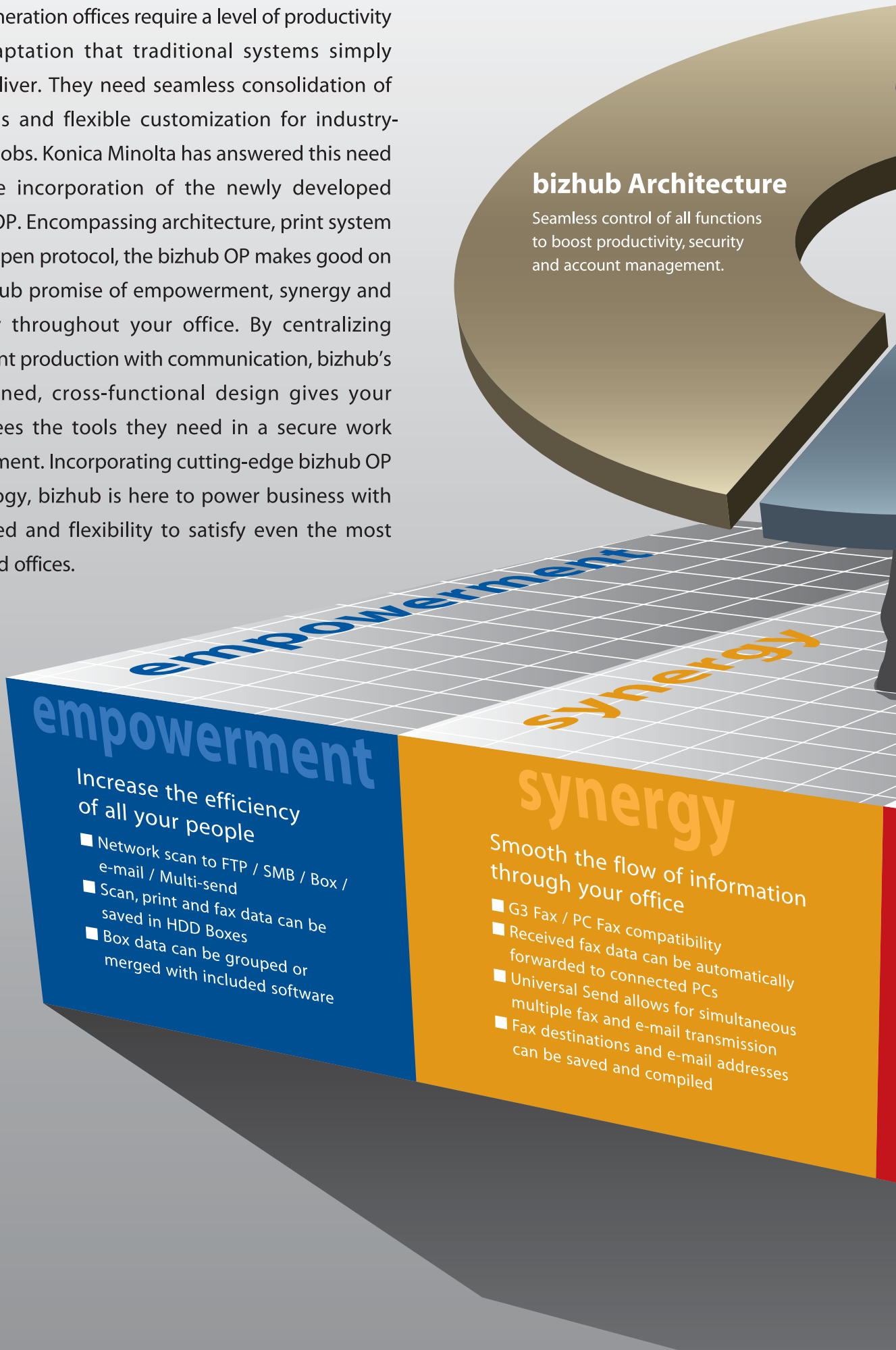
## bizhub 600 features

- 60ppm/cpm output speed
- 100% duplex productivity
- 7,600-sheet capacity
- 2,400 x 600dpi print resolution with smoothing
- Versatile scan-to functions
- Box functions
- Secure data protection
- Staple, hole-punch and folding options
- Fax capability

**bizhub 600**

# The bizhub Advantage

Next-generation offices require a level of productivity and adaptation that traditional systems simply can't deliver. They need seamless consolidation of functions and flexible customization for industry-specific jobs. Konica Minolta has answered this need with the incorporation of the newly developed bizhub OP. Encompassing architecture, print system and an open protocol, the bizhub OP makes good on the bizhub promise of empowerment, synergy and ubiquity throughout your office. By centralizing document production with communication, bizhub's streamlined, cross-functional design gives your employees the tools they need in a secure work environment. Incorporating cutting-edge bizhub OP technology, bizhub is here to power business with the speed and flexibility to satisfy even the most advanced offices.


bizhub Architecture
Seamless control of all functions to boost productivity, security and account management.
empowerment
synergy
empowerment
Increase the efficiency of all your people
Network scan to FTP / SMB / Box / e-mail / Multi-send
Scan, print and fax data can be saved in HDD Boxes
Box data can be grouped or merged with included software
synergy
Smooth the flow of information through your office
G3 Fax / PC Fax compatibility
Received fax data can be automatically forwarded to connected PCs
Universal Send allows for simultaneous multiple fax and e-mail transmission
Fax destinations and e-mail addresses can be saved and compiled

New Open Platform

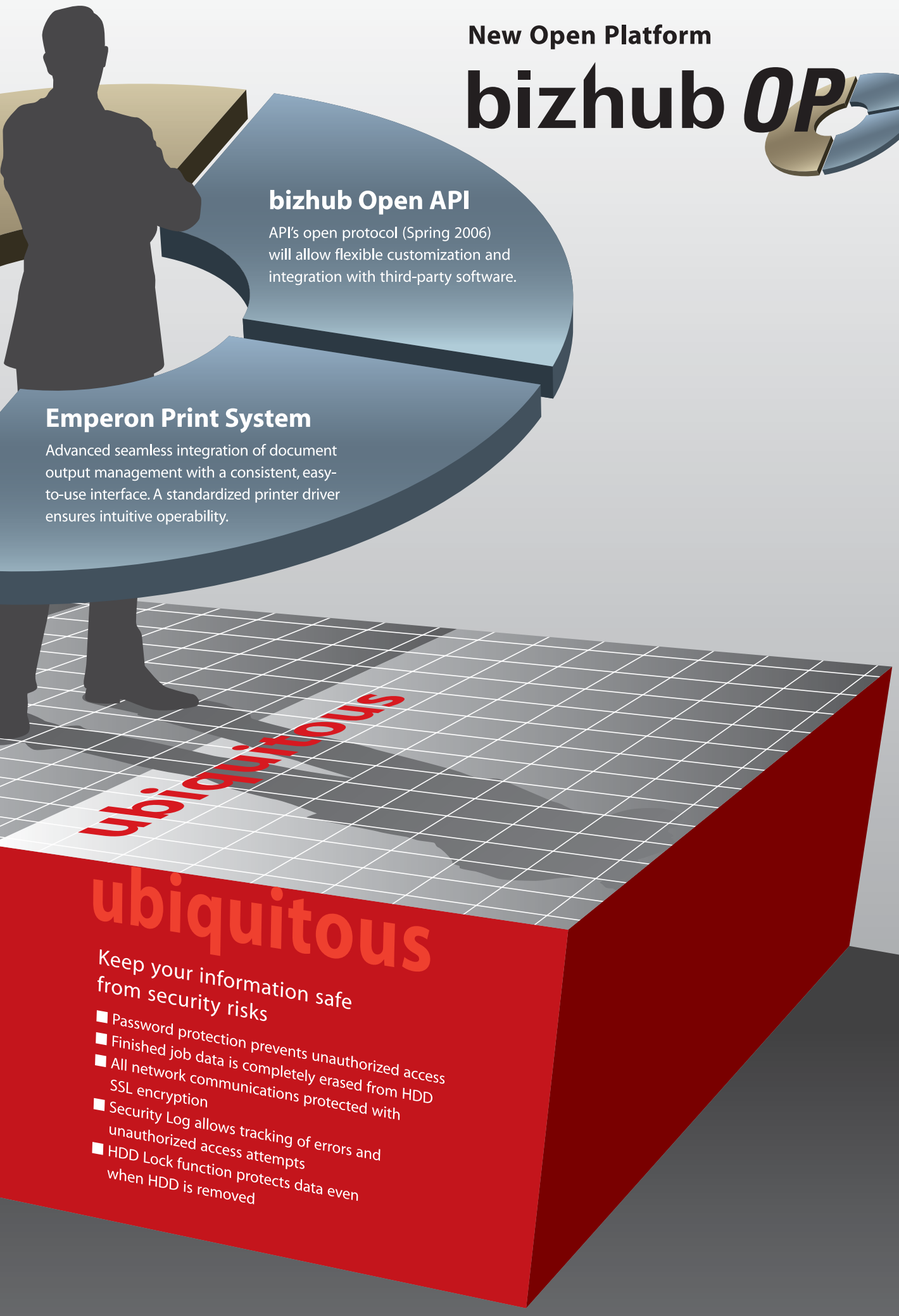
# bizhub OP

## bizhub Open API

API's open protocol (Spring 2006) will allow flexible customization and integration with third-party software.

## Emperon Print System

Advanced seamless integration of document output management with a consistent, easy-to-use interface. A standardized printer driver ensures intuitive operability.


ubiquitous
ubiquitous
Keep your information safe from security risks
Password protection prevents unauthorized access
Finished job data is completely erased from HDD
All network communications protected with SSL encryption
Security Log allows tracking of errors and unauthorized access attempts
HDD Lock function protects data even when HDD is removed

# Empowerment

Information flow is the key to increasing office productivity, and the bizhub 600 is the central link that lets it all happen. By enabling your staff to easily store and share information where everyone has immediate access, the bizhub 600 empowers them to reach an even higher level of performance.

## Scanning Functions

### Network Scan
The scan unit scans 75 sheets per minute and holds up to 100 sheets in the ADF tray. The new bizhub OP system enables you to scan documents even while printing, data transfer or other operations are in progress.

### Scan to FTP
The scan to FTP function enables you to share heavy-volume documents with a wide audience. Documents are saved in user-specified directories where you can download them to your PC.

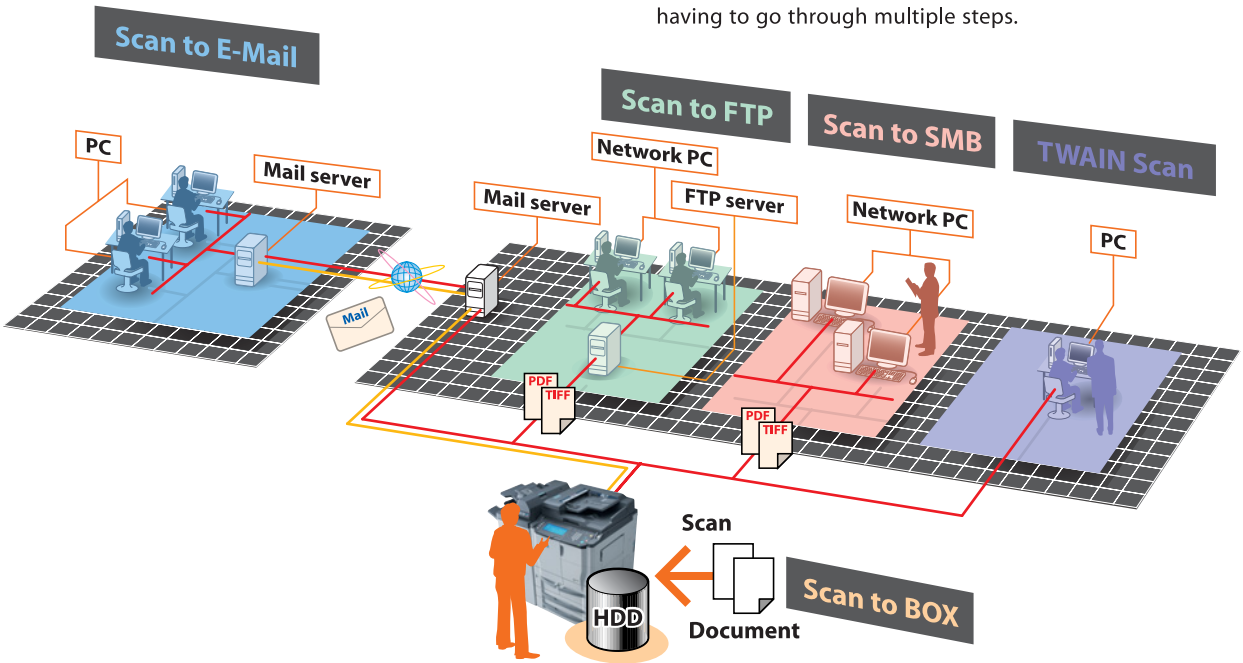
### Scan to SMB
Scan to SMB lets you send scan data to connected PCs where it can be saved in sharing folders, without the need for a central server.

### Scan to Box
With the optional built-in HDD, you can save scan data to an HDD Box, and then set access privileges to allow sharing within a specific division, work group, etc.

### Scan to E-mail
Connected to your office e-mail infrastructure, the bizhub 600 can send scan data, in PDF or TIFF format, as an attachment directly to any e-mail address.

### LDAP Compatibility
Using LDAP, (Lightweight Directory Access Protocol), the e-mail address manager can access directories to compile useful lists of recipients. This list can be used with the Scan to e-mail function to send data to large groups of recipients.

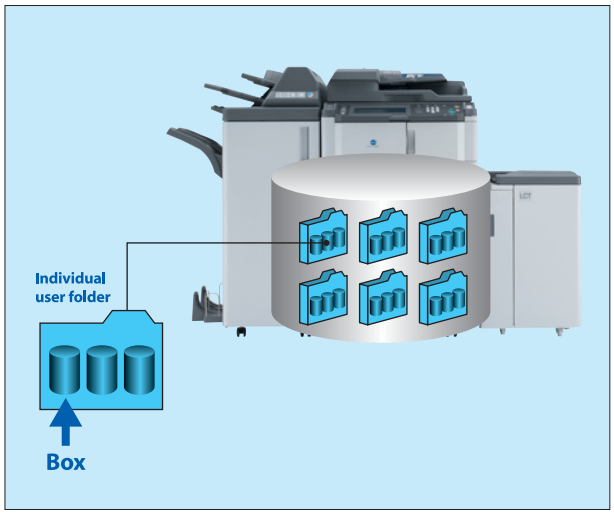
### Scan to Multi-send
From a single scanning, data can be saved or forwarded in a variety of ways (SMB, Box, FTP, e-mail) simultaneously. This enables you to share and distribute documents without having to go through multiple steps.



## Document Storage and Handling

### Box Functions

Scan and print data can be saved to the optional 40GB internal hard drive. Up to 1,000 separate Boxes can be created and separated by job, work group or other criteria for more effective data management.

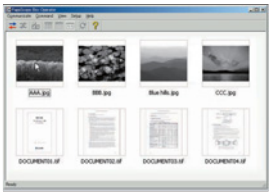



### Job Merge and Image Merge

Scan and print data saved to Boxes can be merged together into a single job and output all at once. You can keep each job attribute separate, or merge all attributes to a single setting.

### PageScope Box Operator

Installed on a connected PC, PageScope Box Operator allows you to view thumbnail previews of multiple documents stored in Boxes, allowing them to preview data before printing them. You can also rename or delete files.



### Data Forwarding & E-mail Attachments

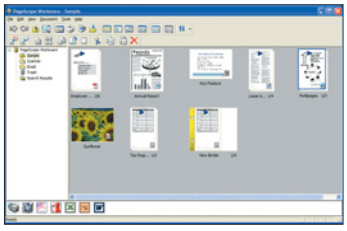
Scan and print data saved to Boxes may be transferred to SMB or to FTP servers, and may also be sent to others as e-mail attachments. Data can also be sent out via fax.



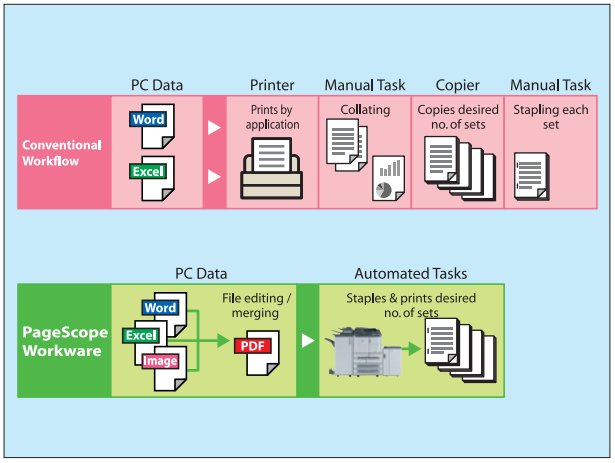
## Document Editing and Processing

### PageScope Workware

This software enables users to convert documents to PDF format, allowing them to be copied or transferred to connected PCs, merged together or deleted. Image settings, such as background density, brightness and contrast can also be adjusted for printing.



*Note: Data scanned using the bizhub 600 will be in B&W.
**Payware. Availability may vary according to market.



# Synergy

The bizhub 600 does far more than just print and copy; with versatile e-mail, fax and data transfer functions, it boosts the power of your office by becoming the communication center linking your staff together with the rest of the world.

## Fast, Convenient, Flexible

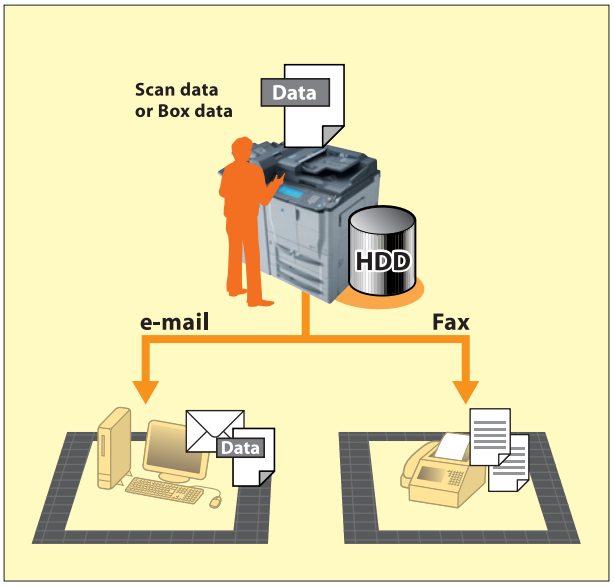
### New Control System

The bizhub 600 brings high-speed copy, print, scan and fax functions together into a single unit, letting you take care of a variety of different jobs. And with the addition of the new bizhub OP control software system, the delays due to the communication requirements of other jobs are eliminated.

## Easy Distribution

### Universal Send

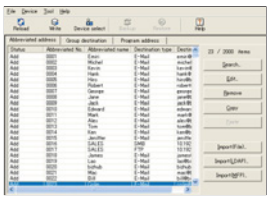
You can send scan data or Box data to a variety of destination types via fax and e-mail with just a single action.




## Software Solutions

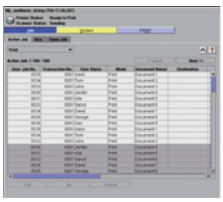
### PageScope Data Administrator

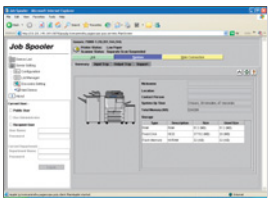
This included network application records e-mail recipient addresses and fax destinations all in one place. This information can be saved to a connected PC for easy management.



### Job Spooler

This application provides centralized management over your intranet of active jobs on your MFP. Administrators can set job priority levels and user privileges, rearrange or delete queued scan and print jobs, and keep records of all job activity. Job Spooler plays an essential role in providing a higher level of flexibility and control for multitasking.






## Fax Functions

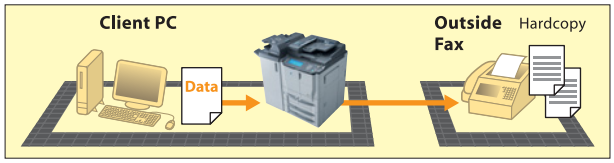
### G3 Fax

The Super G3 fax function enables high-speed reception and transmission of faxed documents over standard telephone lines, reducing office telephone costs. With an additional Fax Kit, fax data can be received or sent in two directiones simultaneously.

SUPER G3

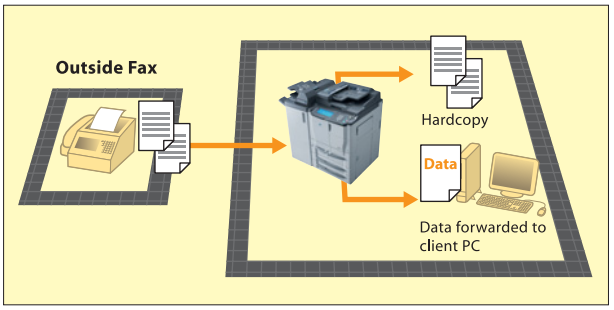
### PC Fax

Faxes may be sent directly from a connected PC without needing to first be printed out. This helps ensure higher print quality of faxed documents at their destination.




### Receiving and Forward Functions

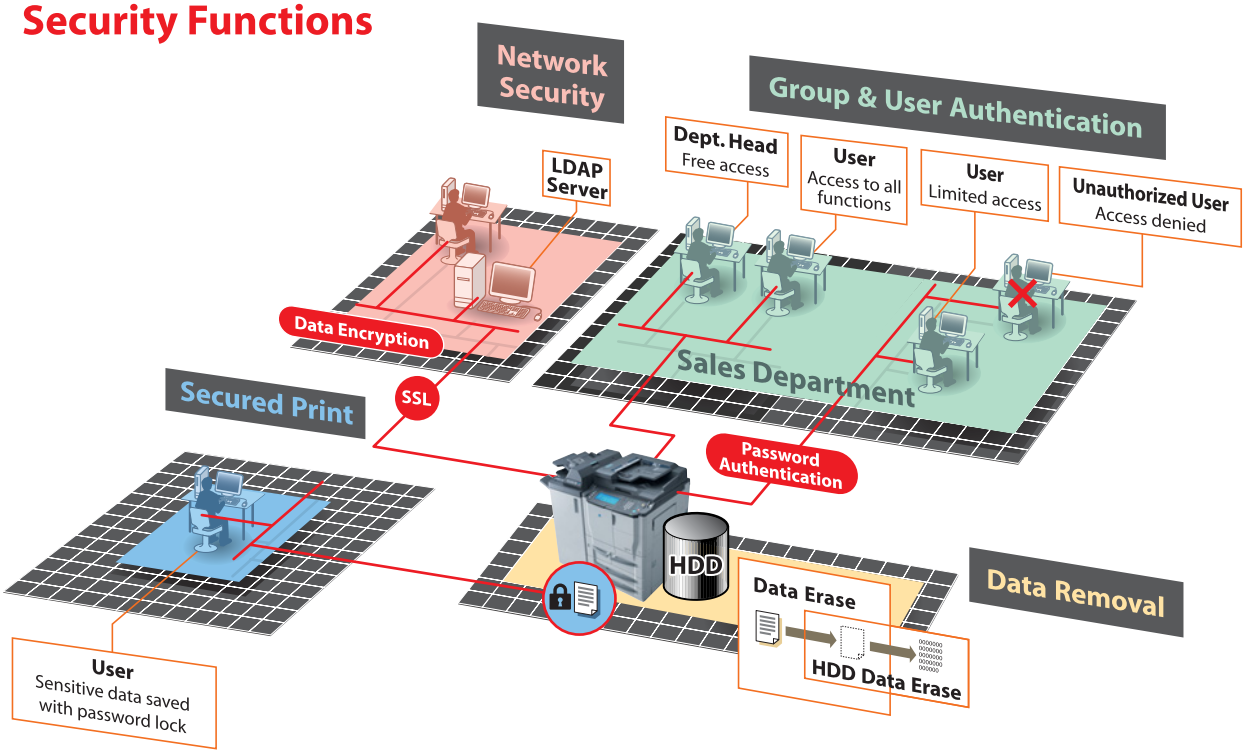
Incoming faxes can be printed out directly at the bizhub 600, or they can be forwarded to connected PCs. By excluding the jobs of categorization and distribution, communication reliability is increased. Faxes can also be stored in a designated Box in the HDD, where you can access them at anytime.



# Ubiquitous

You owe it to your employees and customers alike to ensure that sensitive data is kept secure from unauthorized access. The bizhub 600 provides a ubiquitous secure working environment that doesn't hamper productivity by straitjacketing users.

## Security Functions

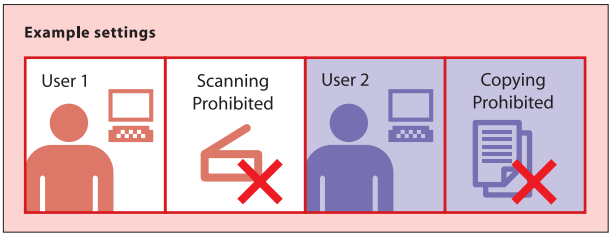





## Access Management

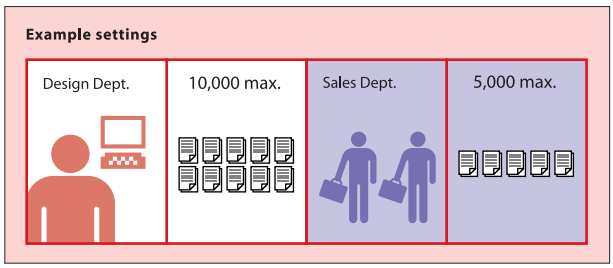
### User Authentication Functions

For increased security, customized access privileges can be set for each user, granting or limiting access to particular functions (copy / scan / print), or setting page input and output limits for each user. Access can also be limited to only particular servers, which can be selected to suit office needs.




### Group Authentication

Group input and output limits can be set for each division. User and Group authentication can be used together or separately, enabling administrators to set group privileges, then add further individual privileges and restrictions.



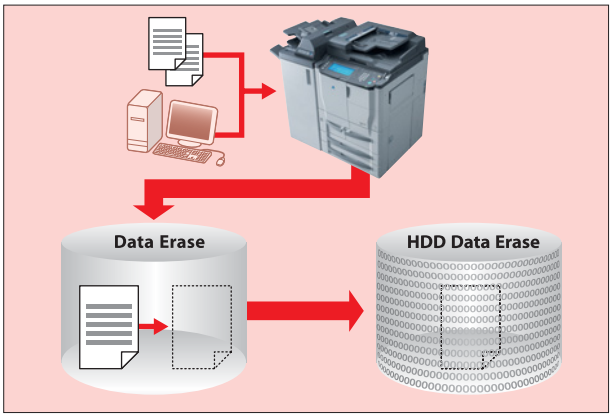
## Encryption and Removal of Old Data

### Data Erase

After each job is finished, the job data is erased from the HDD cache.

### HDD Data Erase

For added security, the entire HDD can be completely overwritten with "0"s, ensuring that nothing can be accessed or read.



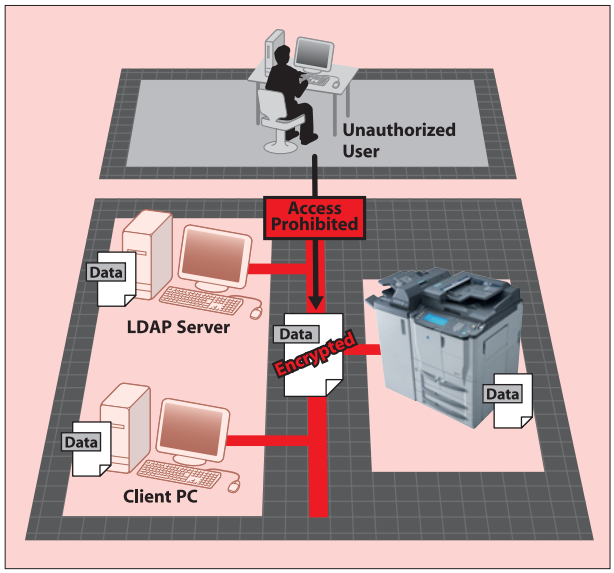

### Job Data Encryption

With the optional SC-501 Security Kit, temporary job data saved to the HDD is automatically encrypted for safety.

## Network Security

### Encrypted Communication

All network communication is protected with SSL encryption. Any kind of communication made via LDAP, PageScope Data Administrator, PageScope Web Connection, or access from another server, is protected in this way.




## Better Protection for Sensitive Data

### Secured Print

A password-based security lock helps prevent unauthorized printing of confidential documents, such as project bids or employee transfer notices. Once a document is locked, it cannot be output unless the correct password is entered at the control panel.

## Trusted Security

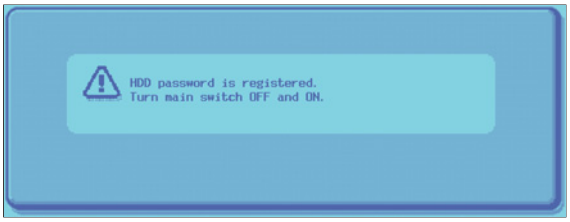
### ISO15408 (EAL Level 3) Certification

All software included with the bizhub 600 has completed certification for compliance with the security requirements of ISO15408 (EAL Level 3).

## Full Data Protection

### HDD Password Lock

The HDD can be assigned a password, preventing unauthorized users from accessing HDD data. This protects the data from being viewed or altered, even if the HDD is removed from the main unit.



# Productivity

## High Speed

### 60ppm High-speed Output

The bizhub 600 is capable of quick, consistent print and copy output of 60ppm/cpm (A4), even for large-volume jobs.

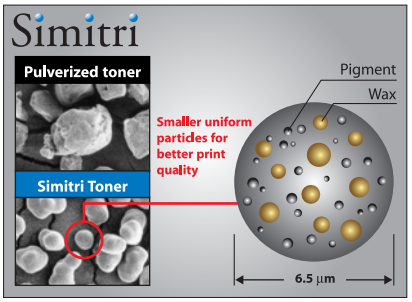
### 100% Duplex Productivity

The bizhub 600 can produce both one-sided and two-sided documents at the same 60ppm/cpm speed, enabling you to create high-quality documents with less paper waste in the same amount of time.

## High Image Quality

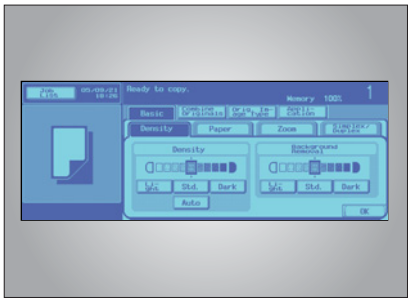
### High Resolution Output

Copy data is output at 1200 x 600dpi with smoothing, providing faithful reproduction of originals. For print data, digital smoothing raises resolution to 2400 x 600dpi, allowing clear, sharp reproduction of fine details and small text.




### High Quality Polymerized Toner

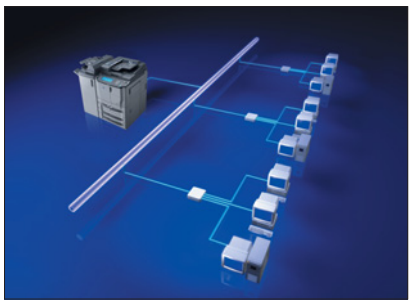
The bizhub 600 uses Konica Minolta's new Simitri polymerized toner, featuring smaller, more uniform particles than standard toners. Polymerized toner produces better quality graphic and text output, and the lower fixing temperature reduces energy costs and paper curling.



### Automatic Exposure Selection

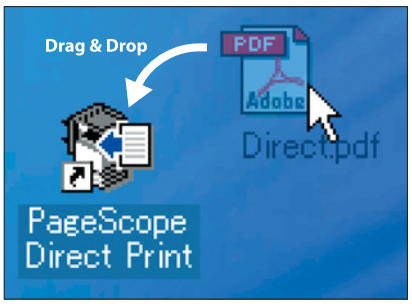
When scanning text printed on colored paper, automatic or manual settings allow you to adjust contrast, exposure and toner density to reduce background colors and ensure that text stands out clearly.

## Print



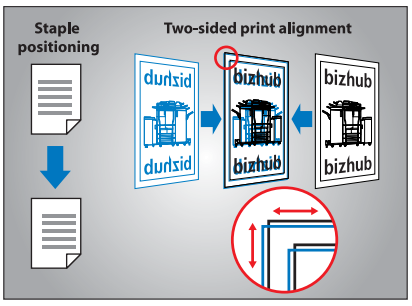
### Network Print Compatibility

The Emperon Print System, part of bizhub OP, enables clear, accurate, high-speed image processing. Supporting PCL5E/PCL6 and PostScript3 page description languages, it allows Mac OS and Windows machines to connect to the same print network.




### PDF / TIFF Direct Print Capability

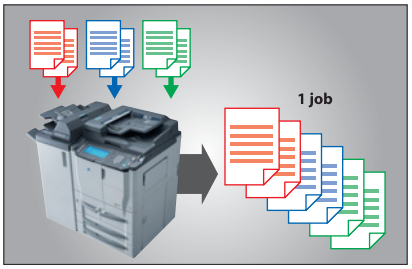
With the included PageScope Direct Print software, you can print PDF and TIFF documents with a simple drag & drop operation. Neither the files nor the native applications need to be opened, reducing print times considerably.




### Image Shift

The image shift function sets image position for easier reading of stapled documents. Also, during two-sided printing, the bizhub 600 automatically shifts the front and back sides to minimize misalignment. You may also set image shift manually in 0.1mm increments.

## Copy

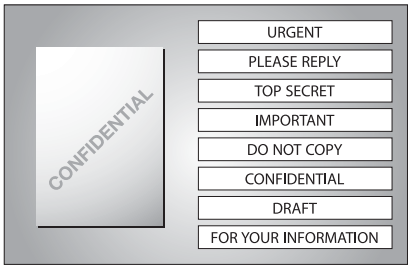



### Separate Scan

Separate batches of original documents may be scanned individually, then merged together and output as a single job. This eliminates the need for manual collating and sorting.

### Mixed Paper Input Integration

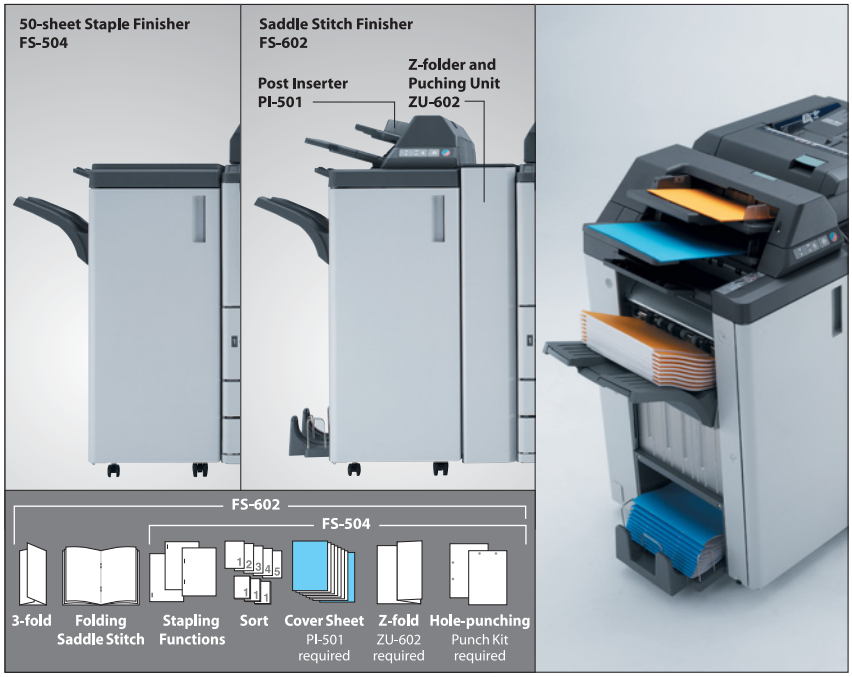
The ADF unit can accept mixed-size originals and automatically select the proper paper size for each output document.




### Watermarks

Copied documents can be produced with watermarks printed over them to indicate confidentiality or other information.

## Finishing and Paper Capacity




### 100% Finisher Productivity

Even when using the staple or hole-punch functions, the bizhub 600 still operates at an output speed of 60ppm/cpm, for effective high-speed inline document production.

### New Finishing Functions

The FS-504 Staple Finisher staples up to 50 sheets at a time, and the FS-602 Saddle Stitch Finisher is capable of performing center stapling and 2-folding for booklet production. Together with the Punch Kit and Post Inserter units, they give you a wide range of finishing options at your disposal.

### Versatile Post Insertion Functions

The PI-501 Post Inserter can insert cover sheets or chapter breaks* into documents as they are output. The PK-503 / PK-505 Punch Kit enable you to file documents quickly and efficiently, combined with the ZU-602's Z-folding capabilities.

*In development.

### High-volume Paper Capacity

The Main Unit paper input trays can hold a total of 3,500 sheets, plus an additional 100 sheets in the multi-bypass tray. The addition of the 4,000-sheet (A4) LU-401 or 4,000-sheet (A3) LU-402 Large Capacity Units brings the maximum paper capacity up to a total of 7,600 sheets.

### Versatile Paper Size Compatibility

The bizhub 600 can handle paper sizes ranging from postcard to A3, with a maximum size of 314 x 458mm. The multi-bypass tray can also handle paper weights up to 200g/m$^2$.

# Universal Design

## User Friendly

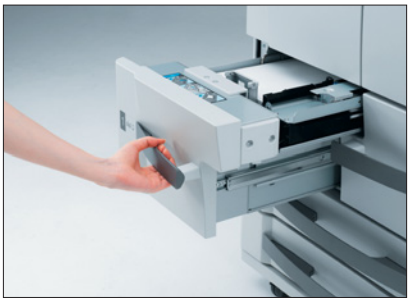
### High-visibility Control Panel

The entire control panel is designed for maximum visibility, with high-contrast buttons and markings and a large, high-resolution 8.9-inch LCD panel.

The control panel can be adjusted to 7-degree and 15-degree settings for easy access.

### Easy-use Document Feed Unit

The paper scale bar on the ADF is set at an angle and printed with high-contrast markings for easy visibility. Its design allows easy lifting with either hand, as well access by disabled users.



### Easy Operating Paper Trays

All paper trays feature universal design grips and smooth sliding trays that can be opened and closed one-handed, with either an overhand or underhand grip.

### High-visibility & Easy Access

The finisher output trays are made with high-contrast materials for easy visibility, and are designed to be accessible from either a high or low angle.

### High-durability Construction

Pipe pillar supports, box-type panels and vibration-resistant screws provide a rigid structure and maximum durability for a long productive life. In addition, all parts use materials chosen to minimize environmental impact.

# Ecology Design

## Nature Friendly

### Eco-friendly Toner

Polymerized toner consumes less energy and produces up to 40% less $CO_2$, $NO_X$, and $SO_X$ emissions than pulverized toner. The bizhub 600 also has a toner recycling system that allows replacement without interrupting output while reducing total toner consumption and waste.

### Energy Conservation

The toner's low fixing temperature allows the bizhub 600 to use less energy when operating. In addition, the warm-up time has been reduced by 10% over previous models.

### WEEE Compliance

Konica Minolta is committed to achieving full compliance with WEEE (Waste Electrical and Electronic Equipment) regulations for the bizhub 600. As such, Konica Minolta will guarantee proper recycling and disposal of all components and parts.

### Energy Star

The bizhub 600 conforms to the guidelines of the International Energy Star Program for reduced energy consumption and improved efficiency.

### RoHS Compliance

Ahead of the EU's deadline for compliance with RoHS (Restriction of Hazardous Substances) regulations, Konica Minolta will eliminate the use of harmful materials, including lead, mercury, cadmium, hexavalent chromium, PBB and PBDE from the production of all electrical and electronic components.

### Blue Angel

The bizhub 600 meets the Blue Angel (BAM2004) guidelines for efficiency and environmental responsibility.

# bizhub 600

## Specifications

| Model name | | bizhub 600 |
|---|---|---|
| Type | | Console with document feeder (B/W Copier / Printer / Scanner) |
| Resolution | Scanning | 600 x 600dpi |
| | Printing | 1,200 x 600dpi with smoothing |
| Memory | | 512MB DIMM (standard) |
| Paper sizes | | A3-A5 (tray), A3-B6 (multi-bypass)<br>(both support irregular paper sizes up to 314 x 458mm) |
| Warm-up Time | | Less than 4.5 minutes |
| First-copy Time | | Less than 3.3 seconds (A4) |
| Copy Speed | | 60cpm |
| Magnification | Fixed | Fixed Ratio: 1:1 ± 0.5; Reduction: 0.500/0.707/0.816/0.866/0.930<br>Enlargement: 1.154/1.224/1.414/2.000 |
| | Zoom | Zoom: 25% to 400% in 0.1% increments |
| Paper capacity | | Main body x 4 trays (upper left: 1,500 sheets, upper right: 1,000 sheets,<br>500-sheet universal tray x2); multi-bypass: 100 sheets |
| Paper weights | | 60-200g/m² (trays), 50-200g/m² (multi-bypass) |
| Multiple copy | | Up to 9,999 |
| Power requirement | | 230V/10A |
| Power consumption | | 2.3kW |
| Dimensions<br>(W x D x H) | | 650 x 791 x 1,140mm / 25-1/2 x 31 x 45in (with DF) |
| Weight | | Approx. 222kg / 489-1/2lb (main unit + DF) |

## Print Controller (optional)

| Model | | IC-202 |
|---|---|---|
| Type | | Embedded Type |
| CPU | | Intel Celeron 400MHz |
| Memory | | 512MB (shared with main unit) |
| Speed | | 60ppm |
| Resolution | | 2,400 x 600dpi with smoothing |
| Printer Languages | | PCL5E / PCL 6 / PostScript3 |
| Network Protocol | | TCP/IP, IPX/SPX (NDS compatible), SMB (NetBEUI), LPD, IPP 1.1,<br>SNMP, HTTP, EtherTalk |
| Operating System | | Windows98 / Me, WindowsNT 4.0 / 2000 / XP / Windows Server 2003<br>Mac OS 9.0 or later, Mac OS X (10.2 / 10.3) |
| Fonts | PCL | European Font 80 types (Agfa Micro type, Symbolset 36 kinds) |
| | PS3 | European Font Adobe 136 types |
| Interface | | Standard: Ethernet (100BASE-TX / 10BASE-T), Optional: IEEE1284,<br>USB 2.0 |

## Scanner

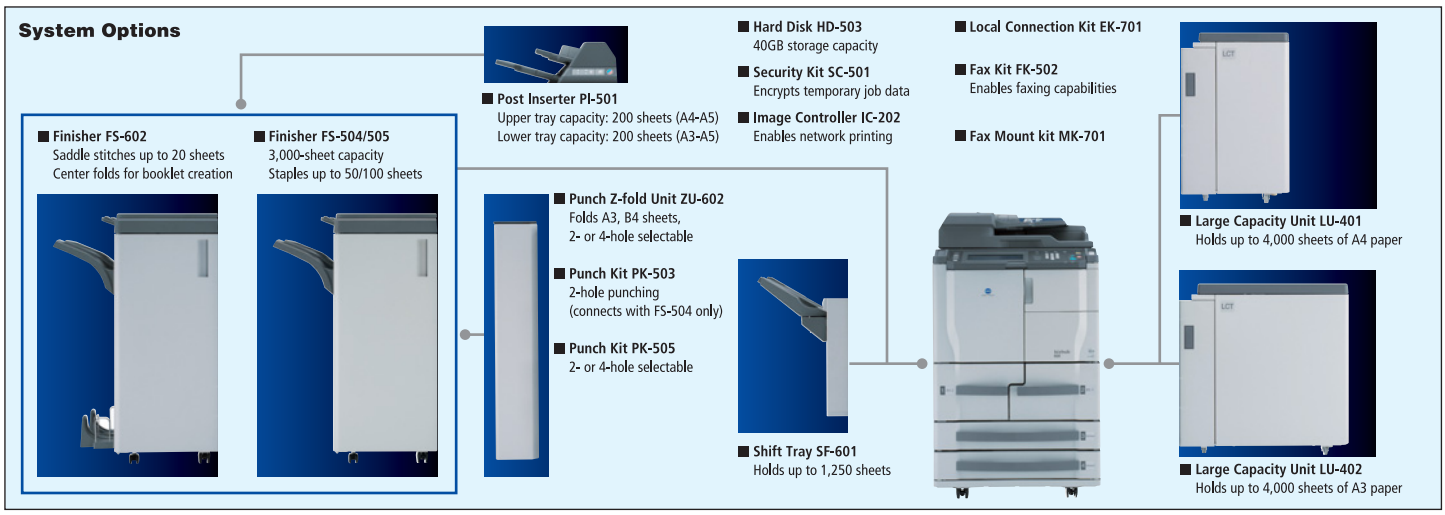
| Type | B/W |
|---|---|
| Speed | 75opm |
| Max.Original size | A3 (297 x 420mm) |
| Scanner File Format | TIFF, PDF (ver. 1.3) |
| Scanner Resolution | 200 x 200dpi / 300 x 300dpi / 400 x 400dpi / 600 x 600dpi |
| Interface | Ethernet (100BASE-TX / 10BASE-T) |

## System Options

| LU-401 | Large Capacity Unit for 4,000 sheets (A4 314 x 223mm), 60-200g/m² |
|---|---|
| LU-402 | Large Capacity Unit for 4,000 sheets (A3 314 x 460mm), 60-200g/m² |
| FS-504<br>Finisher | 3 stapling positions<br>Non-sort mode capacity: 3,000 sheets (A4, B5)<br>Max. stapling capacity: 50 sheets (up to 90g/m²) |
| FS-505<br>Finisher | 3 stapling positions<br>Non-sort mode capacity: 3,000 sheets (A4, B5)<br>Max. stapling capacity: 100 sheets (up to 90g/m²) |
| FS-602<br>Finisher | 2 booklet modes (saddle-stitch, center-fold), 3-fold mode<br>Non-sort mode capacity: 2,500 sheets (A4, B5)<br>Max. stapling capacity: 50 sheets (up to 80g/m²) |
| SF-601<br>Shift Tray | Paper size: Up to A3 (209g/m² max.)<br>Paper capacity: 1,250 sheets (A4, B5) |
| PK-503<br>Punch Kit | 2-hole, Paper size: A3-A5 (60-128g/m²) |
| PK-505<br>Punch Kit | 2- or 4-hole selectable, Paper size: A3-A5 (60-128g/m²) |
| PI-501<br>Post Inserter | Paper size: Up to A4 from upper tray, up to A3 from lower tray<br>Paper capacity: 200 sheets x 2 (80g/m²) |
| ZU-602<br>Punch Z-fold Unit | 2- or 4-hole selectable, Punch paper size: A3-A5 (60-90g/m²)<br>Z-fold paper size: A3, B4 (60-90g/m²) |
| HD-503<br>Hard Disk | 40GB<br>Enables Scan to Box and font download |
| IC-202<br>Image Controller | Enables printing |
| EK-701<br>Local Connection Kit | For IEEE 1284 Centronics & USB connections |
| FK-502<br>Fax Kit | Enables G3 faxing |
| MK-701<br>Fax Mount kit | Attaches to the FK-502 Fax Kit |
| SC-501<br>Security Kit | Encrypts temporary job data on the HDD |

### Converting paper weight

Multiply g/m² weight x 0.636 x 0.939
1kg = Approx. 1.66g/m²




**Product appearance, configuration and / or specifications are subject to change without notice.**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- As an ENERGY STAR Partner, KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.
- ENERGY STAR is a registered trademark in the U.S.
- Availability of equipment may vary according to market.


**The control software of the bizhub 600 is certified at Level 3 - the highest level of security for industrial use - of ISO 15408.**

The ISO 15408 certification applies only to IT security capabilities. This certification is NOT a product guarantee.

### Requirements for safe use.

- Please read and follow the instruction manual to ensure safe operation.
- Only operate using appropriate power supply and voltage.
- Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).


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